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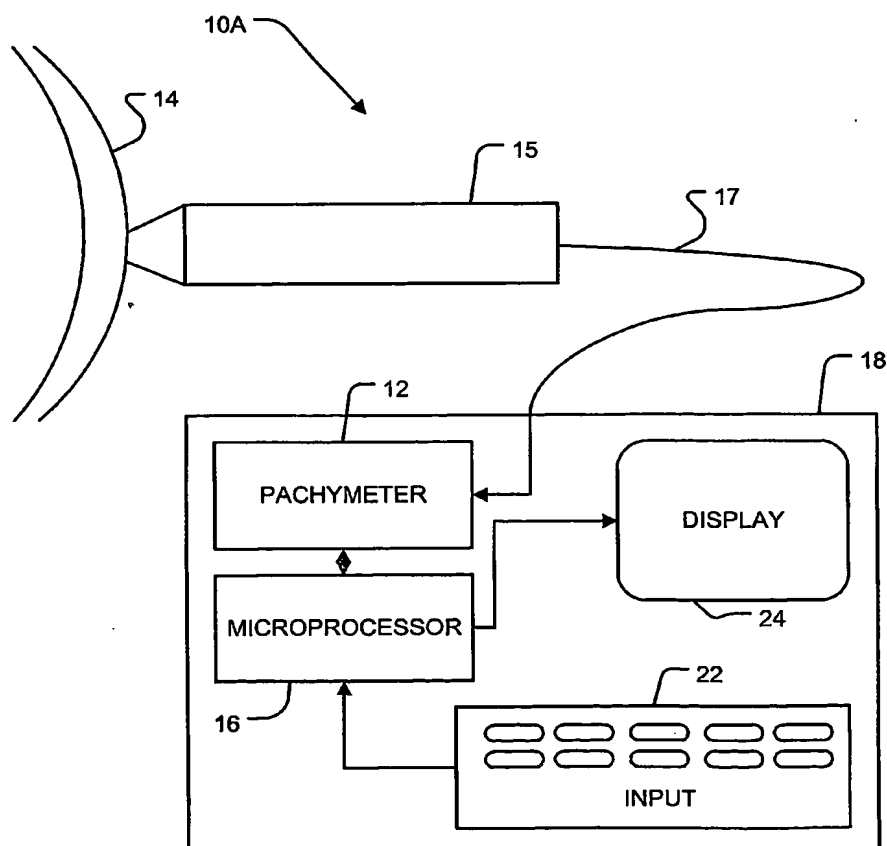
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(54) Title: PACHYMETER



(57) Abstract: A pachymeter apparatus for measuring corneal thickness is configured for the calculation of intraocular pressure ("IOP"). The apparatus includes a pachymeter for measuring corneal thickness as well as a microprocessor and a user interface. A reading of IOP from a tonometer can be entered into the device and corrected according to the pachymeter reading of corneal thickness. Correction algorithms are user selectable and user customizable. A pachymeter may have a graphical display which displays multiple locations at which measurements are to be taken. A pachymeter may use a capacitor charged by a variable current supply to measure times for signals to be reflected from a back side of a cornea.



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